Form PTO-1449	Docket No. P-046.61A	Application No. ~~Unknown~~ *10/648,471*
INFORMATION DISCLOSURE CITATION IN AN APPLICATION *(Use Several Sheets If Necessary)*	Applicant: Orton et al.	
	Filing Date: Herewith	Group Art Unit ~~2764~~ *2193*

U.S. PATENT DOCUMENTS

Examiner Initial	No.	Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
QP	AA*	5,181,162	01/19/93	Smith et al.	~~715~~ *364*	~~530~~ *410*	
	AB*	5,151,987	09/29/92	Abraham et al.	~~714~~ *395*	~~20~~ *575*	
	AC*	5,136,705	08/04/92	Stubbs et al.	~~714~~ *395*	~~27~~ *575*	
	AD*	5,133,075	07/21/92	Risch	~~707~~ *395*	~~201~~ *800*	
	AE*	5,125,091	06/23/92	Staas, Jr. et al.	~~718~~ *395*	~~101~~ *650*	
	AF*	5,093,914	03/03/92	Coplien et al.	~~717~~ *395*	~~129~~ *700*	
	AG*	5,075,848	12/24/92	Lai et al.	~~711~~ *395*	~~152~~ *445*	
	AH*	5,060,276	10/22/92	Morris et al.	382	~~151~~ *8*	
	AI*	5,050,090	09/17/91	Golub et al.	~~700~~ *364*	~~217~~ *478*	
	AJ*	5,041,992	08/20/91	Cunningham et al.	~~345~~ *364*	~~641~~ *518*	
QP	AK*	4,953,080	08/28/90	Dysart et al.	~~707~~ *364*	~~1038~~ *200*	

FOREIGN PATENT DOCUMENTS

Examiner Initial	No.	Document Number	Issue Date	Country	Class	Subclass	Translation Yes	Translation No
	AL							
	AM							

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

QP	AN*	Julin, D.P. et al., "Generalized Emulation Services for Mach 3,0--Overview, Experiences and Current Status," USENIX Association--Mach Symposium Proceedings, Nov. 1991, pp. 13-26
	AO*	Malan, G. et al., "DDS as a Mach 3.0 Application," USENIX Assoc.--Mach Symposium Proceedings, Nov. 1991, pp. 27-40
	AP*	Rashid, R., "A Catalyst for Open Systems," Datamation, May 15, 1988, p. 32-33
	AQ*	Guedes, Paulo, "O-O Interfaces in the Mach 3.0 Multi-Server System," IEEE 1991
	AR*	Rashid, R. "Mach: A Foundation for Open Systems," Carnegie Mellon University, IEEE 1989
	AS*	Foley, M.J., "Taligent, IBM draw closer," PC Week, Feb. 21, 1994, vol. 11, No. 7, p.8
QP	AT*	Franz, M., "Emulating an Operating System on Top of Another," 1993 by John Wiley & Sons. Ltd.

EXAMINER: *Chino, QP*	DATE CONSIDERED: *2-8-07*

EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the Applicant. (2/92 PTO)

Form PTO-1449	Docket No. P-046.61A	Application No. Unknown
INFORMATION DISCLOSURE CITATION IN AN APPLICATION *(Use Several Sheets If Necessary)*	Applicant: Orton et al.	
	Filing Date: Herewith	Group Art Unit 2764 2193

U.S. PATENT DOCUMENTS

Examiner Initial	No.	Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
Qc	BA*	4,891,630	01/02/90	Friedman et al.	345 340	156 700	
	BB*	4,885,717	12/05/89	Beck et al.	717 364	125 900	
	BC*	4,821,220	04/11/89	Duisberg	703 364	2 670	
	BD*	5,119,475	06/02/92	Smith et al.	715 395	866 156	
	BE*	4,456,954	06/84	Bullions, III et al.	711 364	207 200	
	BF*	4,530,052	07/85	King et al.	713 364	100 200	
	BG*	5,274,821	12/93	Rouquie	717 395	139 700	
	BH*	5,280,610	01/94	Travis, et al.	707 395	103 600	
	BI*	5,287,507	02/94	Hamilton et al.	719 395	315 650	
	BJ*	5,293,385	03/94	Hary	714 374	38 10	
Qc	BK*	5,339,422	08/94	Brender et al.	714 395	4 700	

FOREIGN PATENT DOCUMENTS

Examiner Initial	No.	Document Number	Issue Date	Country	Class	Subclass	Translation Yes	Translation No
	BL							
	BM							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Qc	BN*	IBM C/C++TOOLS: 'User Interface Class Library Reference' May 1993, IBM Part No.: 61G1179, DENMARK. See p. 464, lines 1-11
	BO*	Petzold, Charles, "Intro to OS/2 Function Calls," *PC Magazine*, vol. 6, no. 18, 27 Oct. 1987, NY, US, pp. 375-380
	BP*	Breisacher, Lee, "Smalltalk/V Presentation Mgr.," *OS/2 NOTEBOOK: The Best of IBM Personal Systems Developer*, (Dick Conklin, General Editor), 1990, Microsoft Press, Redmond, US, pp. 226-232
	BQ*	IBM C/C++TOOLS, "Programming Guide," March 1993, IBM Part No.: 61G1181, DENMARK. See p.35, line 1; see page 438, lines 1-6
Qc	BR	Bernabeau-Auban et al., "Clouds—A Distributed Object-Based Operating System Architecture and Kernel Implementation," *New Directions for Unix. Proc. Autumn 1988 EUUG Conf.* Oct. 3, 1988, Cascais, Portugal, pp. 25-37

EXAMINER: *Chu, Q*	DATE CONSIDERED: 2-8-07

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Form PTO-1449			Docket No. P-046.61A	Application No. Unknown
INFORMATION DISCLOSURE CITATION **IN AN APPLICATION** *(Use Several Sheets If Necessary)*			Applicant: **Orton et al.** *10/648,271*	
			Filing Date: **Herewith**	Group Art Unit 2764 *2193*

U.S. PATENT DOCUMENTS

Examiner Initial	No.	Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
✓	CA*	5,341,478	08/94	Travis, Jr. et al.	709 395	203 200	
	CB*	5,321,841	06/14/94	East et al.	718 395	107 725	
	CC*	5,325,522	06/28/94	Vaughn	707 395	1 600	
	CD*	5,325,481	06/28/94	Hunt	715 395	809 159	
	CE*	5,317,741	05/31/94	Schwanke	717 395	120 700	
	CF*	5,325,524	06/28/94	Black	707 395	10 600	
	CG*	5,315,703	05/24/94	Matheny et al.	715 395	700 164	
	CH*	5,313,636	05/17/94	Noble et al.	707 395	1 700	
	CI*	5,315,709	05/24/94	Alston, Jr. et al.	707 395	6 600	
	CJ*	4,722,048	01/88	Hirsch et al.	718 395	102 650	
✓	CK*	5,136,711	08/92	Huggard et al.	713 395	2 700	

FOREIGN PATENT DOCUMENTS

Examiner Initial	No.	Document Number	Issue Date	Country	Class	Subclass	Translation Yes	No
✓	CL	WO/A04988	03/94	WIPO	G06F 15	62		
	CM							

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

✓	CN	Daponte et al., "Object-Oriented Design of Measurement Systems," *Conference Record of IEEE Instrumentation and Measurement Technology Conference*, May 12, 1992, New York, pp. 243-248
	CO	Dohlberg, S, "Galaxy from Visix", Open Information Systems, vol. 7, No.10, Oct. 1992, pp. 1-16
	CP	Hruschka, "Towards an Object Oriented Method for System Architecture Design," *Proceeding of the 1990 IEEE International Conference on Computer Systems and Software Engineering*, COMPEURO '90, May 8, 1990, Tel Aviv, pp 12-17
	CQ	McCormack et al., "Using the Toolkit or How to Write a Widget," *Proc. Of the Summer 1988 USENIX Conf.*, 20 Jun. 1988, San Francisco, pp. 1-13
✓	CR	Musser, John, "Extending streambufs: class logstrubf" *C++ Report*, 4(3), Mar 1992, pp. 51-55

EXAMINER: *C/...,*	DATE CONSIDERED: *2-8-07*

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Form PTO-1449		Docket No. **P-046.61A**	Application No. **Unknown**
INFORMATION DISCLOSURE CITATION IN AN APPLICATION *(Use Several Sheets If Necessary)*		Applicant: **Orton et al.**	
		Filing Date: **Herewith**	Group Art Unit ~~2764~~ 2193

U.S. PATENT DOCUMENTS

Examiner Initial	No.	Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
✔	DA*	5,179,703	01/93	Evans	717 ~~395~~	122 ~~700~~	
	DB*	5,339,438	08/16/94	Conner et al.	717 ~~395~~	153 ~~700~~	
	DC*	5,325,533	06/28/94	McInerney et al.	717 ~~395~~	107 ~~700~~	
	DD*	5,339,430	08/94	Lundin et al	719 ~~395~~	332 ~~700~~	
	DE*	5,361,350	11/94	Conner et al.	707 ~~395~~	103 ~~800~~	
	DF*	5,361,358	11/94	Cox et al.	717 ~~395~~	174 ~~700~~	
	DG*	5,404,529	04/95	Chernikoff et al.	719 ~~395~~	315 ~~700~~	
	DH*	5,379,432	01/95	Orton et al.	719 ~~395~~	315 ~~700~~	
	DI*	5,297,284	03/22/94	Jones et al.	717 ~~395~~	137 ~~700~~	
	DJ*	5,475,845	12/12/95	Orton et al.	719 ~~395~~	328 ~~682~~	
✔	DK*	5,327,562	07/05/94	Adcock	717 ~~395~~	141 ~~700~~	

FOREIGN PATENT DOCUMENTS

Examiner Initial	No.	Document Number	Issue Date	Country	Class	Subclass	Translation Yes	Translation No
	DL							
	DM							

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

✔	DN	Schmidt, Doug, "Systems Programming with C++ Wrappers: Encapsulating IPC Services," *C++ Report*, 4(8), Oct. 1992, pp. 50-54
	DO	Schmidt, Doug, "An Object-Oriented Interface to IPC Services," *C++ Report*, 4(9), Nov. 1992, pp. 48-54
	DP	Schmidt, Doug, "Encapsulating Operating Systems IPCs: An Object-Oriented Interface for Event-Driven UNIX I/O Multiplexing," *C++ Report*, 5(2), Feb. 1993, pp. 43-50
	DQ	Adler, R.M., "A Hierarchical Distributed Control Model for Coordinating Intelligent Systems," *Telmatics and Informatics*, vol. 8(4), 1991, U.S., pp. 385-402
✔	DR	Guerraoui et al., "Distributed Programming in GARF," *Object-Based Distributed Programming ECOOP '93 Workshop*, Jul. 26, 1993, Kaiserslautern, DE pp. 225-239

EXAMINER: *Chan, Q.*	DATE CONSIDERED: 2-8-07

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Form PTO-1449		Docket No. P-046.61A	Application No. Unknown
INFORMATION DISCLOSURE CITATION IN AN APPLICATION *(Us S veral Sheets If Necessary)*		Applicant: Orton et al.	
		Filing Date: Herewith	Group Art Unit 2764 2193

U.S. PATENT DOCUMENTS

Examiner Initial	No.	Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
Q_	EA	4,926,322	05/90	Stimac et al.	703 364	23 200	
	EB	4,974,159	11/90	Hargrove et al.	703 364	27 200	
	EC	5,237,669	08/93	Spear et al.	711 395	2 400	
	ED	5,280,583	01/94	Nakayama et al.	709 395	205 200	
	EE	5,471,568	11/28/95	Webb et al.	382 395	199 133	006/30/93
	EF	5,455,951	10/03/95	Bolton et al.	718 395	103 200	07/19/93
	EG	(4,493,080)	08/85	Campbell ~~Dysart et al.~~	714 364	755 200	
	EH	4,704,694	11/87	Czerniejewski	382	288 25 X	
	EI	5,063,375	11/91	Lien et al.	345 394	616 140	
	EJ	5,155,558	10/92	Tannenbaum et al.	356 382	446 8 X	
Q_	EK	5,473,777	12/05/95	Moeller et al.	719 395	328 700	07/19/93

FOREIGN PATENT DOCUMENTS

Examiner Initial	No.	Document Number	Issue Date	Country	Class	Subclass	Translation Yes	No
	EL							
	EM							

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

Q_	EN	Motro et al., "The Design of KIVIEW: An Object-Oriented Browser," *Proc. 2nd Intl. Conf. on Expert Database Systems*, Apr 25, 1988, pp. 107-131
	EO	IBM Technical Disclosure Bulletin, "Process Element Wrapper and the Context Verb Object Method Registry," vol. 34(10A), Mar. 1992, New York, pp. 433-435
	EP	Goodman, "Knowledge-Based Computer Vision," *Computer*, V.22(12), Dec 1989, Long Beach CA, pp. 43-54
	EQ	Drake, "Objects and Images," *Computer Systems*, V.10(1), Jan 1990, Bromley, GB, pp. 31-32
Q_	ER	Fiume, "Active Objects in the Construction of Graphical User Interfaces," *Computers and Graphics*, V.13(3), Oxford, GB, pp. 321-327

EXAMINER: _Ch___, Q_   DATE CONSIDERED: 2-8-07

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FORM PTO-1449			Attorney Docket: 4386-7004US1		Serial No.: TBA			
			Applicant: Orton et al.					
INFORMATION DISCLOSURE CITATION			Filing Date: 8/27/03		Group Art Unit: ~~TBA~~ 2193			

U.S. PATENT DOCUMENTS

Examiner Initial		Patent Number	Publication Date	Name	Class	Sub-Class	Filing Date
	AA	5,379,432	01/03/95	Orton et al.	719	315	
	AB	5,475,845	12/12/95	Orton et al.	719	328	
	AC	6,606,742	08/12/03	Orton et al.	717	140	
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

Examiner Initial		Patent Number	Publication Date	Country	Class	Sub-Class	Translation
	AL						☐ Yes ☐ No
	AM						☐ Yes ☐ No
	AN						☐ Yes ☐ No
	AO						☐ Yes ☐ No
	AP						☐ Yes ☐ No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, etc.)

	AR	
	AS	
	AT	

Examiner *Chan, Q*		Date Considered 2-8-07

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